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### FrontendFrontend FrontendFrontend

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What's bugging you?



Bernerber Chuggs-Bug, the Anthill mob. or Penelope Photop? They're all

**FrontendFrontend** FrontendFrontend

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REVIEWS

Is this the best package for the Amiga?



- page 10 Low-cost desktop video

Two devices for blending video images with Amiga graphics - page 49



Looking for a light laptop? portoble market - page 56

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Games Week



EVERY WEEK



- page 58





40 no 41

28 11 Hav 199P - Well tompelor Expless + 3

## Frontend Frontend **ROB'S RUMANIAN COMPUTER APPEAL**

Systems programmer Rob Partridge has lausched an appeal for computer equipment He was so appared by the state of health care

Partridge accompanied his wife, a community



# **Crisps out crunch Turtles**



System (NES) it is moving into crisps!

# **Bobby Charlton's** Sega summer

**FrontendFrontend** 

### THIS WEEK

The house that FastCAD built

This house has been created Computer Aided Design

Schoolkids



### Chuck Yeager flies into combat Aurial due facto between World War T Lathorities and

A Coston Mission feature allows players to select



addicted to computers

A whole generation of comnoter same addicts are growing up annually retarded, according to varsity. Their report reveals that

ors is a death camp have

Software-based Nazi arega-

**Xtree-ordinary** The PC owner's good Wand and



DEATH GAMES

Aesther 100s, called Aryan

# Secret Soviet super MiG flight sim

WE OF NAZI

flight sim based on a Soviet



Police appeal for customers to help with information

# CASH MOVED FROM COMPANY ACCOUNT

The accounts into which charges for Door to Door were paid have been emptied and closed. And Dr Susan Watson is still refusing to Tracing Officers who are investigating

and its appositing product

ON THE DOORSTEP

Trading Standards

Georgica Within hours of

INVESTIGATES

DOOR TO DOOR FYPRESS

Rep organiser Travelling sales reps edi be able to

Zenith is out

to Compag who will supply a

LaserJet IIIP

IRM's Soviet deal

Torpedo Sim

UK-based SD-Scioso is to supply simulation nature. TEDS is used to

### PC text retrieval

# The writings on the palm

puter which can understand handwritten input is to be pany best known for the

interface for data exchange Several of these ROMs are

# Massaguie III claimed to bit

with Computer Aided Design 01015167523568. \* Accident basher out

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### CDTV: the facts at your fingertips According to Commodors, CDFV is CD-ROM:

Commodoro Dynamic Total Vision. The machine's platform is an THE PRICE:

WHEN YOU CAN BUY

WHAT YOU GET: Three software titles: Lemmings.

CENTRAL PROCESSOR CPS running at 7MHz

1Mb chip RAM 2Mb non-volatile RRM. Sony Philips type, capable of coving SSGMb of data. Supporting EXPANSION One Parallel (Centronics) Interface.

MAIN CONTROLS: Os/Of switch.

OPERATING SYSTEM: Kickstart 1.3, stored in ROM, ISO PERIPHERALS:

intraved, two player interface.

RM's interactive multi-media machine will be i

# CDTV LAUN

pesday, April 30th saw the long-awaited Commodore's Dynamic Total Vision - CDTV.



Bring room. To add to fish, the every 'computer' is evaided in marketing.

mendant's non Helenes

Amiga CDTV

as CBM has also released a CD

computer evers. 19 per cent of

# CDTV v CD-I - round one to Commodore?



et rise avertisions Amino VI show in Berlin, Fell report on page &.

Sourcearth this does not analy concern

sides and Sim back-catalogues, the CD-I software

6 . New Computer Express . 11 New 1991

actualed that - CD-I from Some Phillips and Managable

When the name Sony crops up in relation to High

a liter only were COTY immediated in the SIX last week, it was also an olars

be in the shops before the end of May

# ED IN THE UK

However, COM's long terrs

Cooff Brown, ND of major UK putting its not insubstantial weight

'Me represent Locastilm in

## Just how well will it sell?

difficult to pull off. For \$500 is a let

CDTV - The industry response

**CDTV: Forthcoming** software and prices



alose. Atthough the basic unit comes with three pieces of software, CBM is date list of those titles, their prices and release dates as released by CSM.

Nomes in Motion Case of the Cautious Condor Estima

Advanced Milhery Systems Series

Solvit of Exculture Fruits, Vegetables and Stude

Hound of the Sashervilles North Polar Expedition

sinate floored, tall, And of course

## MODERN VIDEO



+ A&132 sewer for only C5000 24-RITS & PIECES

It's getting more difficult to see

# **AMIGA CABARET**

Berlin's Amiga '91 Show is likely to be Europe's biggest this year, attracting nearly 100 exhibitors and countless visitors including reporter Gary Whiteley...



HARDWARE HEAVEN

COSTWARE CITY sides and sound.

a MASS damanascental its same Colourborst unit - 24 bit refere for C490.

THE TOP TEN ACTS

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mation program. Well, it's here and it looks good.

animation is the one thing that the Amiga does best. With such cackages as VideoScape, Sculpt 4D

Throughout the design of the Animarion Studio, the programmers have tried to emulate the working techyears. In some ways, not only is the Animation Studio a a possible future coreer, then the Animation Studio



. Mosey's Andrestica Studie area annot old tried and tested

afractive box graphics. Inside there are two huge manneeded, but it gives you a good idea of what the program is really capable of.

ally flick through it that you realize only a fifth is applicable to UK users - the rest is simply foreign translations of the came text. At least the second manual is: in English only, although it did give the impression that - both the setting style and even the invost is almost identical to that used within the DPaint manual although that's not necessarily a bad thing. With plenty MICKEY. AND THE AM

There's no doubting the pedigree of Entertainment International's new Disney Animation Studio, but is it any good? Jason Holborn finds out,

### **GETTING YOUR BACKUP!**

## MIGHTIER THAN THE SWORD

stone which refect the working tractions of the lates the first stage of the animator's profession. For toss of an animator. Penol testing basically involves

If you've ever used tracing paper, then you can



paper. This becomes particularly important when you

"If you want to get involved in animation as a future career then the Animation Studio would be a good place to start." Disney has successfully managed to emulate this

shades of groy. Although they are displayed as one nather lang-winded at first, but you'll probably and up swearing by it after a few hours use. DPaint always







same colour with the Antentian Studie's init@rate program.

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"Powerful enough to keep the hardened user happy. but easy enough for the greenest of animators "

erful enough to keep the hardened users hoppy, but tors, in all, it corner highly recommended.

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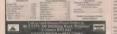


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To escape from this manacing od, the hunter such make his vary hough 120 different leads to arrive, standard, back harm. The levels are preed across 16 size systems, and fiber abok level the player enters a occurs phase (where softra lives and sorts on the gareed).

points can be gatedo. The harder's craft has several stable fleatures up in steems through, it has these different singles, it thanks, it has these different singles, or through greatly want the collection of stories where sock veryly. Here in the Permathald, which will protect the or than spaces this bate indefinitely or until the who is designed, whitehom happers operation. If make, the oral in happers operation. If make, the oral in the collection of the collection of the happers operation.

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e The aventury are blacky, but your horse is really well extented.



- Heart for man of the same one on the same on the same of the sam

film. In Level Class you play the part of One as you loag astride a horse and go gologing off across the desirt to rescue Clans, the schoolboacher, while is trapped on a revieway beckhaird and

rescue Clark, the schoolst-fer, when is spaged on a nativesty beckhained and heading for a precipite.

Benically, you have to keep going as long as possible willows being begund all fly arrives, recks, truths and other handorfs. There are holds side on sections and overhead-view ones fire was to need their fail of their handorfs. The off were their was to need their fail of their fails of their fails.

her doors.
Level Two takes place in a shooting gallery. Henry you manusewers your gast arra and some on-screen crosobilers are you try to sheet as many dischaland cardboard cubukt as possible.

Cased Thron or a peright. You've injurying these crusis consentation at members of the vitanous fisherd gang as they oppear in docrings and windows, shooting th you! Level four sees you running along the too of a boar coderding, speed four!

the top of a train, collecting speed logs' so make the train go faster. The train is pushing along your survices (Sec crean as you have to get it us to a range Shouch to ouspee thacks to the sharer. Needless to say, there are plettly to children on your way as you race along the Year, including some

Back to the Publish it is a decent feetice. For a start, the graphics are does in mode 0, so french or break Speccy tat this time. Although the graphics are in bit foodby, they're colourful and quite nicely similated. It hereis on Lovel Divisi is significally will

There aren't many in-game sound flects to speak oil, but there are slightly if decent tanes to help the action along ou can recognise a few of them if you of your mind to it. Ion.

cence, but it's a very good computer written of the film, capturing the dimosphere and the humour will. hundy knough STF2 got paned at the interest, too, while STF3 scored a hit.

### MORE CARTRIDGES.

We've starting to see more controls garters appearing now, principally from Mocan, I was up at the company's of Marchester afficer just a few days ago, as a matter of fact, and managed to be

control a casemon furned into an ace a witch. You have to rescue your gethand, and estanted yourself to human form.

If it was recent to know what it had

nas form.

DL4 you want to know what it took

, don't you' Well, guile honeofly, I

s shawed. The backgrounds are

had by droggamers have used the extended palette suportly, toking the extended palette suportly, toking the colours of the backgrounds in such a way that you've sirely act conscious of on machinet. Invasions. They need to look occident.

ye man sprite / rando, r you'd seet that
year as a SI, he store in Americal,
you'd have been intoressed. Fe lar,
outparks, extremely well ariented and
vory detailed indeed.
Totals assubance once limithed yet,
but who it is I'k going to be the basis.

recides it hashy as that good.
White I was as Count I also packed a a casy of May Scale on carbridge, fee very day if arrived back from the captured and a carbridge, as a casy of the captured and a carbridge of the captured had a feet as a captured to be in the captured and a captured and a

CK IT TO 'SM steks core and joy

ry now and then a '
togic 3 was demo

injustics at the record Extrapres and Touch Show e Landon. It's the Montavay, and it's the space to the resulting Stimpton. In the resulting Stimpton, he Mandavoly is unassold in that the on the hand. If even has a of base for your largers to cost in their land. If even has a of base for your largers to cost in their land there fire buttons. I hand we there fire buttons. I hand he to come your Surrow. Who the box butting beautiful the first

Ingers of your hand. What this es is that you can find a fortable holding and lining grosours side your marker's. There's reason to it than that, gh. The manufacture has disapped footbody with construction quality and is well as associated. The

ent's mane to it then that. The menufacturer has dissipped top-ray with construction quality as well as enganquinics. The pp may be extremely table to held and ele., but it's et very sold. The stick thell is and smooth land it does. Atari ST Owners!
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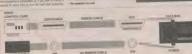
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bit it gives you a choice of raming speeds on startup, and the basic rule is, the higher the speed, the lower the screen quality.

none digiting and away you g non colouful, psychedistic, b ers., black and white pictures i oregand at will.

created at will.

The untilled mone art package is very familie, with the usual range of titls, dirties, offices, it does have a pigit ring, gling problem, as their the pull down warrants have its be closed at and will

under This pri up the though, just out that click each in menus you won't in

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The Amiga has made Desktop Video Production (DVP) cheap and accessible for video enthusiasts. Dave Golder assesses two entry level devices which blend video images with Amiga graphics.

ong gane are the days when ansateur film makes that to use Lethasis on a bit of block cast to produce the supporces and options. Wideo carevas have opened up whole new areas of electronic tricking and when it comes to mining computer graphics and viceo images, the Arrigas is in a close of the own, othering to be during the action of the computer of the control of the control of the computer of the control of the con-

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### PAL GENLOCK

The first thing to siftle you on opening the packaging is how shring the manual is just four pages about the size of all floggly down who some over those fetting and basic diagram. It is not all helpful, expectably if you have never used a genitor, or other Amiga graphics device before—you copied and up not even knowing where is sick you havds.

And there are an applied for of leads. The certifies for the page of the page of the page of the page of the page. plags into the Amiga via the video cocket and it also connected to the video recorder or carena supplying the input image and the video incoder which will necess the composite picture (though this image can also be put through to the Amiga mentary). This gention uses the pild injule IRIC convectors that checker mediation necessarial features to a consent that checker mediation necessarial features to the consent

video sources. Few madern video receitors have these, so you will probably need to buy some adaptors.

"The Amiga boasts the widest

### "The Amiga boasts the widest and cheapest range of powerful video peripherals."

The quality of the video image received is vary good, but the delinition of graphics is a bit facts. They also land to jump about wherever the video image is vary dark or companily blank and are especially ball.

The bundle comes supplied with Norm Tible , and noticely a filling appeal to the filling and page and the position of the posi

At \$130 the Pai Gerlock is tairly cheap and aimed squarely at the low end user. It does its job satisfactorly, but would not appeal to perfectionars who want

## THE ROCGEN RG300C

RocCen requires just an many wires as the fileon, but at least the manual is clear and easy w. It also has standard phone connections for its p with the videos which are much more common.



 This picture is a composite image created using a peolod. It combines a video image (the girl) with Assign graphics.

perfect and the graphics are much cleaded defined then with the Pull Centock, though way short of broadcast quality. The only fire ice do break up body to when they are of

stabling image.

The major bonus with the Roccian is that it has lade and dissolve facilities built in. This allows graphic to like laded in and out or made to love transpeared. The wideo image can also be made to love transpeared to wideo image can also be made to love transpeared to the property of the facilities and the graphics. This helps to make designing

do not have to be congressed into a graphic review. betto are list offer entirely.

But the otherwise provided with RocCan is enteredly fested and very stew and others to use. Beautily just an write captions on scream in a norther of less than charge have colour, and that's about it. You control was need. It might be a good size to buy an exposurper or specialful timp provage as with. Overal, the RocCan chies scribbs within a law pro-

much name slots and professional-booking presentains than the Pai Centock white, amazingly, cooking over I less. At just 1/31, the Reciden is the ideal cetty is device for anyone interested in Dealaby Motes. The Pai Gentock is available from HB technolog or 0733 580000. The Reciden is manufactured or 0733 580000.

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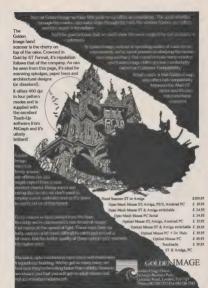
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